Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 25 Jan 2022 until 23:59 on Wednesday 26 Jan 2022

Forecast Issued on Monday 24 Jan 2022 at 16:36

Confidence: High pressure conditions continuing, although some weak fronts are having an influence from the north on Tuesday and on Wednesday the high pressure gets pushed south with a low moving across northern Scotland with stronger winds and some rain for a time. The high pressure rebuilds towards the end of the week with more settled conditions once again. Lower confidence for cloud amounts at times during the period.

Headline for Tuesday 25 Jan 2022: Mainly dry and settled, although quite cloudy, light winds.

Mountain weather hazards on Tuesday 25 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		MIST	MIST				
Cloudy	Dull	Mist	Mist	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	10%	10%	10%	10%	10%

Forecast for Tuesday 25 Jan 2022

Weather: Mainly dry overnight with some mist and fog patches possible given the light winds and frosty conditions. Quite a cloudy day and early mist and fog patches may be slow to clear in the morning. During the day it will be mainly dry although the cloud may thicken just enough to give some light rain in the afternoon. Perhaps a few cloud breaks more likely in the north and east of the National Park. Feeling quite cold and despite mainly light winds.

Chance of cloud free mountain/hill tops above 800m: 30% improving to 60% later in the afternoon.

Visibility: Visibility will be poor or very poor in any morning mist and fog but once that clears it will generally be good below cloud layers, perhaps moderate in any light rain. Cloud is expected to be broken above 600m but will be more scattered around eastern and northern Fells. More cloud breaks in the afternoon with the main bases lifting to 700m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 25 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/5 W	4/6 SW	4/6 S	5/8 SW	9/12 SW	11/15 SW	15/19 SW	17/21 SW	17/22 SW
600	3/4 S	3/5 SE	3/5 S	4/6 S	7/10 SW	8/11 SW	10/14 SW	10/15 SW	10/15 SW
300	1/4 SW	1/4 SE	2/4 S	1/5 S	3/8 SW	3/10 SW	4/13 SW	3/14 SW	5/15 SW
Valley	2/4 SW	2/5 SW	3/6 SE	3/6 S	5/9 SW	4/7 SW	4/10 SW	4/11 W	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-3	-1/-4	-1/-4	-2/-5	-2/-6	-2/-7	-2/-7	-1/-7	-0/-6
600	0/-1	-0/-2	-1/-3	-1/-3	-0/-4	0/-4	0/-4	0/-4	1/-3
300	0/-2	0/-1	0/-1	1/-1	2/0	2/0	2/0	2/1	3/1
Valley	3/1	3/2	3/1	3/2	4/2	4/2	4/2	5/3	5/4
Freezing Level*	1200m	1100m	700m	500m	500m	600m	700m	1000m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Southwesterly winds will strengthen in the afternoon and freezing level lowers, so an overall increased windchill effect later in the day.

Forecast for Wednesday 26 Jan 2022

Weather: Cloudy but mainly dry during the day, rain spreading south across the Lake District during the evening.

Maximum wind: Southwesterly 15 mph gusts 25mph increasing 25mph with gusts 40 mph later.

Chance of cloud free mountain/hill tops above 800m: 80% falling to 50% later, patches of lower cloud around the tops in the morning becoming more widespread later in the day.

Visibility: Perhaps some early mist will reduce visibility in the morning but these clearing with mainly good visibility all day, becoming poor during the late afternoon and evening as rain spreads south.

Temperature: **Valleys:** Plus 4 rising to plus 9 Celsius.
At 800m: Plus 2 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 24 January. Location: Helvellyn summit at 15:15. Temperature: plus 0.1degC. Maximum wind speed 5.2mph. Wind chill: minus 2.1degC. Average wind speed: 3.0mph

Full report:

Another spectacular spring like day on the Lake District fells with very light winds & plenty of sunshine. The vast majority of the hills are now clear of snow up to summit level especially on south and west facing slopes. However crampons/microspikes and an ice axe are still strongly recommended for anyone venturing onto the remaining snow or above steep or exposed terrain, as the remaining snowpack has refrozen and is hard and icy. Any slip not quickly arrested may have very serious consequences due in part to the amount of exposed rock. The old snow / neve is generally to be found on steep north through east aspects above 700m. Additionally where the snow has been compressed by walkers feet it is now hard and icy creating an obvious hazard on many paths. Striding and Swirral Edge can be climbed almost entirely on rock with careful route choice, however, both have steep banks of hard & icy snow guarding their exits and many of the 'easier' routes on the flanks are also still snow bound. For this reason an ice axe and crampons / microspikes are still recommended for these and similar routes even though the affected sections are generally only short. The Helvellyn plateau was clear of snow but small cornices still exist above easterly aspects which should be given a wide berth. Rime ice was forming on exposed rocks and vegetation on the very top 10m of Helvellyn! Despite the spring like conditions in the valleys full winter clothing (warm and waterproof) including spare warm layers, hats and gloves, and equipment including a headtorch, map, and compass are all essential for anyone venturing onto the summits plus an ice axe & crampons/microspikes if your planned route could potentially take you onto snow.

Issued at: 1515 on Mon 24 Jan 2022

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